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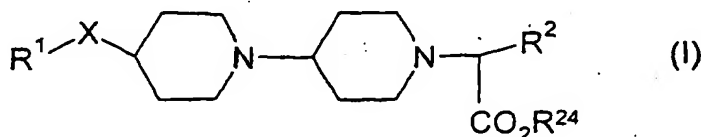
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*For two-letter codes and other abbreviations, refer to the "Guid-
ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.*

(54) Title: PIPERIDINE DERIVATIVES USEFUL AS MODULATORS OF CHEMOKINE RECEPTOR ACTIVITY



(57) Abstract: The present invention provides a compound of formula (I), wherein the variables are defined herein; to a process for preparing such a compound; and to the use of such a compound in the treatment of a chemokine (such as CCR3) or H1

mediated disease state.

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WO 03/078421 A1

INTERNATIONAL SEARCH REPORT

International Application No.

PCT/SE 03/00442

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: C07D 401/04, C07D 409/14, C07D 405/14, A61K 31/445, A61P 37/00, A61P 11/06, A61P 31/16

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: C07D, A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, CHEM.ABS.DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0177101 A1 (ASTRAZENECA AB), 18 October 2001 (18.10.01) --	1-10
X	WO 0066559 A1 (SCHERING CORPORATION), 9 November 2000 (09.11.00) --	1-10
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A	WO 9641631 A1 (ELI LILLY AND COMPANY), 27 December 1996 (27.12.96), page 16, line 19 - page 17, line 21 --	1-10

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

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Date of the actual completion of the international search

26 May 2003

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/SE 03/00442

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 9310091 A2 (GLAXO GROUP LIMITED), 27 May 1993 (27.05.93), RN 150072-9-6, page 69, line 24 - line 25, page 54, line 14 - line 22 ---	1-10
A	STN International, File CAPLUS, CAPLUS accession no. 1988:630911, document no. 109:230911, Lehmann, Jochen et al: "Lactones. XVIII. Synthesis of lactone-bridged 1,1-diarylpropanamines"; & Arch. Pharm. (Weinheim, Ger.), 1988, 321(8), 443-5 -----	1-10

INTERNATIONAL SEARCH REPORT

International Application No.
PCT/SI/00442

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: 10
because they relate to subject matter not required to be searched by this Authority, namely:
see next sheet
2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
☐ No protest accompanied the payment of additional search fees.

Claim 10 relates to methods of treatment of the human or animal body by surgery or by therapy or diagnostic methods practised on the human or animal body (Rule 39.1(iv)). Nevertheless, a search has been executed for this claim. The search has been based on the alleged effects of the compounds or compositions. These alleged effects must be well defined diseases or conditions. The expression "a chemokine mediated disease state" may relate to a number of different disorders and conditions, which can not be clearly defined by this expression. Thus, the search has mainly been restricted to the diseases mentioned in the description on pages 10 to 13.

INTERNATIONAL SEARCH REPORT
Information on patent family members

29/04/03

International Application No.

PCT/SE 03/00442

Patent document cited in search report			Publication date	Patent family member(s)		Publication date
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				BR	0109922 A	18/02/03
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INTERNATIONAL SEARCH REPORT
Information on patent family members

29/04/03

International application No.

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Patent document cited in search report			Publication date	Patent family member(s)	Publication date
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